Good 529 How they are Beneath The Surface

The Daily Paper of the Submarine Branch

still keeping

BRITAIN is growing new forests at an astounding rate, amassing wood in a hurry, putting trees "into the bank" to repair the woodland ravages of two wars.

I have just toured the forest at Thetford Chase, in East Anglia. There are 52,000 acres of conifers here, and at present it is our biggest "modern forest," though Kielder, in Northumberland, when its 110,000 acres are completed, will take first place.

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The predominating trees are conifers, Scots and Corsican pine, Douglas fir, and larches. The Commission, having to replace lost wood in the shortest possible time, has to go in for the conifers, the softwoods, the "bread and butter timber."

There are criticisms because these seas of trees look alien to the English landscape, so the Commission masks them as much as possible, borders the roads with oak, beech, birch and limes.

The conifers, which may take 150 years to reach maturity, are planted thick, so that, striving for the light, they grow straight.

Dotted over the country are tree-cities planted by the Forestry Commission, which has already acquired 767,000 acres and planted 420,000. The experts want 5,000,000 acres, about one-eleventh of the total land area, to forest before the war is over.

Six thousand workers are now employed in the forests, and Mr. D. Quibell, one of the forestry experts, told me he hopes to oreate 30,000 forestry jobs after the war.

I saw the first stretch of a fine beech avenue, four miles long and 80ft. wide, that will be called Queen Mary's Avenue. It will be the finest avenue in Britain.

Decorative trees, such as red oak, maple, rowan, chestnut

Britain.

Decorative trees, such as red oak, maple, rowan, chestnut and lime fringe the edges of the pine woods behind the beech, and will bring colour and gladness to future generations who use this avenue. The forestry experts are now making it a general practice to plant screens of hardwoods—beech, birch, poplar and oak—to break up and beautify the hard



straight lines of pine plantations that adjoin roads.
Forestry is bringing new hope and employment to parts of Britain like Thetford, where the land is too poor for farming. In this forest they have brought to life again the village of Santon Downham, that had almost fallen down before the Commission came along.
Then there were 90 inhabitants. To-day there are over 200. Among other things, it prepares the seed for nearly all the other woods in Britain, about 12,000 bushels a year of it.

cones, and "nurseries," spread with miniature trees about half-an-inch high, product of about four months' planting.

They will be a forest in 10 or 11 years, a taller forest in 20, and a stately one in from 40 to 60.

The forestry hamlets live secluded lives. I heard of a man aged 26 and a sister 21 in East Anglia who had not ridden in a train until they were called up for national service.

the other woods about 12,000 bushels a year of about 12,000 bushels a year of it.

At Lynford, one of six nurseries in Thetford Chase, there are 23 million seedlings it and four million trees for transplanting. Altogether the Chase now employs 120 men, 65 it, women and 30 youngsters.

Girls in a forest clearing making pit-props, 3-ply wood, are cutting pit-props at y amazing speed with oil- a driven circular saws, and finging five and six feet in the saw mills and in a wood pulp for paper, cellulose for artificial silk, and material for the whole wide range of our new plastics industry.

The country will be the natural place for such industries, and so they will make a great contribution to repopulating it and reviving village life.

Forestry brings the popula-

No country in Europe can grow trees better than Britain. Few people believed that until the war, and Britain's forestry experts proved it.

Fire-watching arrangements to protect Britain's new forests have been completed. The Commissioners had elaborate protection schemes in peacetime. These have been considerably augmented.

Hundreds more forest watchers will be on duty. Special fire-fighting equipment has been supplied. In many areas, too, where the population is scattered, groups of residents have made additional arrangements.

arrangements.

One of the first rural areas to 'complete its plans is a woodland community on the edge of the New Forest.

In peace-time the hamlet was popular with campers and hikers. Now the bungalows, chalets and caravans are full of evacuees.

Messengers on bicycles are always standing by ready to call more help if needed.

all more help if needed.

When the Alert is sounded in the mearby town the firewatcher on duty goes to the observation post on a hill in the wood. When there is danger of incendiary bombs he communicates by telephone to the A.R.P. warden. The whole mobile unit can assemble in three minutes.

tion to the land for some of the family to work on the farms, and there are several farms around here where a small farmer or his sons are guaranteed 150 days work a year in the woods, and also work in their own holdings. This mixing of a guaranteed wage with the opportunities of individual enterprise is most valuable.

chalets and caravans are full of evacuees.

"The population of the wood, including 70 war-time residents, has been divided into two groups, the static and the mobile," I was told.

"The static group mostly comprises mothers with young children. There are 25 families in all, a few invalids, and some over the age limit of 60, who are not required to volunteer for fire-watching duties.

"The mobile group, about a dozen men and women, have been placed on a rota of fire-watchers."

Messengers on bicycles are

TOM HARRIS.



With AL MALE

N.V.R.).

This love of home is not only love of this dear land of ours, but pride in its achievements for the betterment of humanity... belief, nay, firm conviction, that Britain is playing a great part in humanising the world... making it a better place to live in

This love of this dear land of ours, but pride in its achievements for the betterment of humanity... belief, nay, firm conviction, that are place to live in.

Patriotism is sometimes called a bias of mind, a predisposition to love your own land better than any other parts of the globe, and there is to the slightest doubt that the seeds of the spirit of Patriotism are sown in the home. Childhood memories carve indestructible pictures. Happy family gatherings at Christmastime, brimful of childish anticipation. School holidish anticipation. Sc

The thrill of diving into the water first, and breaking its undisturbed surface . . . the quick rub-down and trot home to a comforting breakfast.

The look of anxious pride on your mother's face when you confessed to diving off the high board . . can't you hear her saying, "I'm sure you'll end up with a broken neck"?

And when your father insisted on you being taught boxing and wrestling, your mother had to go out because every time she heard a thud she thought it was you being knocked unconscious.... then you emerged from the "slaughter-house," clad in sweater, and flannels, and declared yourself ready for a brisk run round the countryside. "You'll overdo it, you know," she used to say. But the cold bath afterwards

Love of home . . . love of the homes of your school friends . . . realisation of all the love that goes into all the

If I should die, think only this of me,

That there's some corner of a foreign field that is forever England.

—Rupert Brooke.

WHAT is this deep love of country if not Patriotism in its true sense? You get it also in Cowper's line: "England, with all thy faults, I love the still."

Cowper wrote the lines when he lived in Italy. Brooke made them immortal when he died at Lemnos in 1915 (Sub-Lieut, R.N.V.R.).

This love of home is not only love of this dear land.

Homes where the "humanising" spirit exists and is encouraged. love of the source of it all. . . Divine Love of of the country which you are convinced is doing something to foster that love throughout the world. . . . Britain!

Of cour'se, there are slip-ups. Promises are made by politicians, with the best intentions, but unforeseen circumstances elevelop which nullify all possibility of fulfilment.

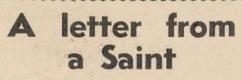
Something goes wrong—somewhere, and the national slogans become bitter retorts when other promises are made.

LOOKING FORWARD.

An Invitation to all Submariners

Make this your own newspaper by sending us the address of your wife, your mother, your girl-friend, so that we may photograph them and publish their pictures and greetings in these pages. Address on back page.

-THE EDITOR.



FROM SAINT TERESA TO DON FRANCISCO. Valladolid. Sept.; 1568.

GLORY he to God, after having written seven or eight unavoidable business letters, a short time remains for me to refresh myself by sending you these few lines telling you what a comfort yours were to me. Do not fancy you are wasting your time by writing to me, for I need it occasionally, provided that you do not repeat so often that you are growing old, which cuts me to the heart. As if the lives of young men were guaranteed!

Please God, you will live until I die, and then I shall ask Him to summon you promptly lest I should be without you in heaven.... for me to refresh myself by

The 6 ducats you say you would give to me seem a very dear bargain, but I would pay far more to see you—in fact, you are worth much more, for who sets any value on a poor, insignificant little nun who lives in poverty? You, who can give aloja (a Spanish drink), rolls, radishes and lettuces from your own garden (and I know that you are the "errand boy" who brings us apples) would naturally fetch a higher price. The aloja here is said to be very good, but for want of Francisco de Salcedo we do not know what it tastes like, and probably never shall.

Abide with God! Your unworthy and sincere servant, TERESA DE JESUS (Carmelite).



SUNDAY FARE BUT FLINTS



WHAT IS IT?

Here's this week's Picture Puzzle. Las picture of a lighted match. Last week's was a

MOUNTAIN, WOOD



ARE NOT FLINTS'

Says T. S. Douglas



struggled, sometimes getting almost to the bank—only to be dragged back again.

Then the heron became really interested. He had caught sight of a really good meal coming toward him. He stared sideways a moment, as though unable to believe his eyes, and then waded in. The frightened water-hens tried to get out of his way, but his long beak struck into the water, to lift up a young pike, still clinging to the foot of a water-hen. He waded triumphantly to the bank, quite indifferent to the fate of the water-hen his add brought him his supper. He gorged his fill, while the bird lay exhausted beside him. He ate until he could gorge no longer then stretched first a leg and then a wing in satisfied content.

The keeper stepped out from his hiding-place behind the willow, and, with a started cry, the heron fiew over the lake in a sideway motion, its long legs stuck out behind like a rudder.

The keeper picked up the exhausted water-hen, and in the web of its foot were the sharp teeth of a pike.

The pyrophoric alloy for the gamantle, and this explanation of how it is possible to produce the elements alloyed so cheaply is one of the romances of modern industrial chemistry.

Your lighter "flint" is, alloyed so cheaply is one of the romances of modern industrial chemistry.

WHAT MAKES IT SPARK?

The pocket lighter could never have come into being but substances which give a white feet of the discovery of pyrophoric alloy is produced by passing an electivic current through the alloy is produced by passing an elective current through the alloy is produced by passing an elective current through the alloy is produced by passing an elective current through the alloy is produced by passing an elective current through the struck into the discovery of pyrophoric alloy of the discovery of pyrophoric alloy for the discovery of pyrophoric alloy i

The Story of Beau Brummell PART ONE

His tailor

PUZZLE CORNER

Fill in the missing words according to the clues, and the letters in the two centre columns will give the name of a well-known film star. Here are the clues: 1, To rescue.

Answer to the Famous Film Actors Puzzle in 828.

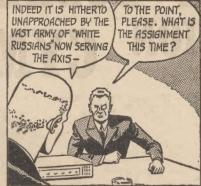
> WALBROOK LAUGHTON COSTELLO STROHEIM ROBINSON MCLAGLEN RATHBONE MARSHALL

BUCK RYAN

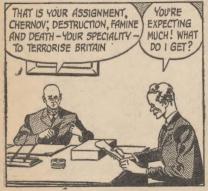


OF COURSE - AS HEAD OF THE PEOPLE'S COMMISSARIAT OF TRADE IN THE UKRAINE - YOUR TASK WAS FACILITATED. CHERNOV: PARTICULARLY AS RUSSIA AND DEUTSCHLAND WERE ON FRIENDLY

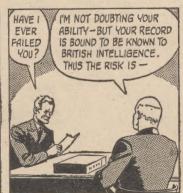






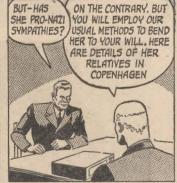








































Marvel

PASTIMES that are popular in one generation are changed for something else by a succeeding generation, and so on. The everquickening tempo of life on this planet demands something fresh and exciting. As to whether it is good or ill, that is not for me to say. The dreamy waltz of a bygone day gives place to the jumping flea-like jitterings of the jitterbug.

There was seldom a time when there was not a strong-man act touring the music halls or performing in a circus, but that sort of thing no longer thrills the youngster who knows that it is much easier to lift the stuff with a crane.

Among my old records I have found some that may be interesting. In 1891. Louis Cyr, a French-Canadian, came to England, and performed some astonishing feats of strength. At the South London Music Hall he lifted 3,641lb, in his great back lift.

At the same time that Cyr was topping the bill at South London, there was an Englishman with the appropriate name of C. A. Sampson attracting big crowds to the Royal Aquarium, Westminster. Sampson, with the assistance of a collar and yoke, raised 3,809lbs.

DUMB-BELL FEAT.

Westminster. Sampson, with the assistance of a collar and yoke, raised 3,809lbs.

DUMB-BELL FEAT.

Cyr performed some amazing feats in America. What do you think of this for a day's work? At St. Louis Hall, Chicago, on May 7, 1896, Cyr started off by sweeping up with either hand a 188½lb. dumb-bell at full arm's length above his head; picked up another weighing 258½lb. with his left hand from floor to shoulder. With the right hand he held a dumb-bell of 131½lb. with arm straightened out at right-angles with his body for five seconds, and then brought it back to his shoulders. With both arms stretched at right-angles, he held 97½lb. in his right hand and 88lb. in his left.

Raising a 162½lb. bell from floor to shoulder, he pushed it at full arm's length above his head thirty-six times in succession. With one finger he lifted from the floor 552½lb. Lifting off the floor with one hand 987lb.; with both hands 1,897½lb.

Feeling tired at the very thought of it? There's more to come.

Cyr then lifted a barrel filled with sand and water. weighing 433lb., on to his right shoulder without using his knees or body; and now for the grand finale.

HOLDING FOUR HORSES.

HOLDING FOUR HORSES.

Four draught-horses, each weighing 1,200lb., were brought on to the stage. Each hoof was examined and found to be well shod. Cyr then had two of the horses hitched to each arm, and he folded his arms. The two others were hitched to pull in the opposite direction.

The horses were whipped up and pulled with all their strength, and Cyr held them for fifty-five seconds. A handy sort of cove to have aboard ship!

Tr may not be generally known that until 1864 there were no organised athletic meetings for amateurs. Pedestrianism was, prior to that time, entirely controlled by professionals, and as betting was one of the big factors, rufflianism was rampant and many of the races were not as straight as they might have been.

The first inter-University sports, started in 1864, heralded the new era in athletics. Two years later the Amateur Athletic Club was formed to inaugurate amateur championship meetings.

The pseudo-amateur, however, was a nuisance, and abuses became so glaring that the Presidents of the Oxford and Cambridge University Associations invited a conference of clubs, which resulted in the formation of the Amateur Athletic Association in April, 1880.

Since that date the A.A.A. has controlled all championship meetings in this country and has ruled with a firm hand.

ONE CONTROL.

ONE CONTROL.

This unified control was brought to a head by the confusion caused in 1879 when two championship meetings were held, one being promoted by the London Athletic Club.

In 1866 the best time for 100 yards was 10½ secs., and many champions tried to reduce it to even time, but it was not until twenty years later that A. Wharton succeeded in returning 10 secs. dead.

The first man to beat "evens" for the 100 yards was F. S. Hewitt, who ran it in 9½ secs. at Melbourne in 1870. His record is all the more remarkable for being made on a grass track.

It was not until 1902 (32 years after Hewitt) that A. F. Duffey returned 9 3-5 secs. in New York

track.

It was not until 1902 (32 years after Hewitt) that A. F. Duffey returned 9 3-5secs. in New York. In 1908, J. A. Rector, in U.S.A., running with a strong following wind, was credited with 9 2-5secs., but it was not accepted as a record. Curiously enough, in the same year R. E. Walker, at Abergavenny, on a downhill course, was credited with 9 2-5secs. This also was not officially accepted as a record.

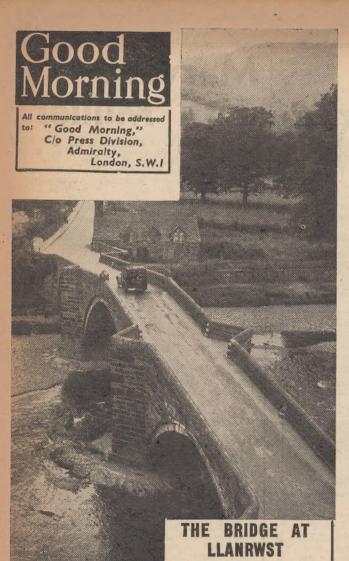
officially accepted as a record.

100 YARDS RECORD.

D. J. Kelly, at Spokane, U.S.A., equalled Duffey's record in 1906, and it was equalled again in 1914 by H. P. Drew at Berkeley, California. In 1923, E. H. Liddell brought the British amateur record to 9 7-10secs. at Stamford Bridge. It was J. C. Owens who, 33 years after Duffey, improved the time by one-fifth of a second.

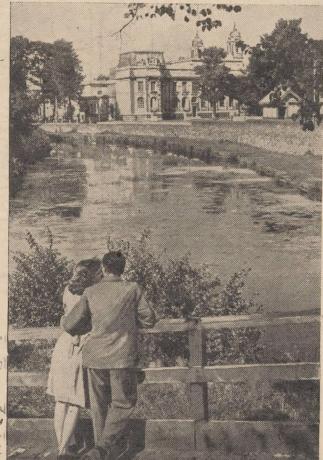
a second.

His record of 9 2-5secs, for the 100 yards was accomplished at Ann Arbor, Michigan, U.S.A., on May 25, 1935, and that is the record as it stands to-day.



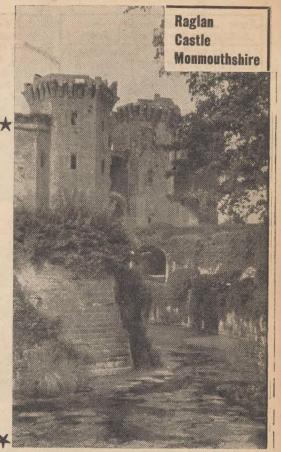
There's fine salmon below. The placid Dee as it flows through the hill-girdled town of Llangollen.

MAE HEN WLADFY NHADAW-DYMA DUDALEN I Raglan Castle Monmouthshire



In the heart of Cardiff: Glamorgan Canal

Thro'
the
beauty
that
is
Wales





Above is Bettws-y-Coed, famed beauty spot

SHIP'S CAT SIGNS OFF

"It is good look you."

For you men, who are not of Wales, this means:

"LAND OF MY FATHERS-A PAGE FOR WELSHMEN"

But—as a page of beautiful scenes, it is a page for everyone. On the right is the estuary at Barmouth, at sunset.